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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/056,687	01/24/2002	Shell S. Simpson	10008198-1	1020
7590	04/24/2006		EXAMINER	
HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, CO 80527-2400			DALENCOURT, YVES	
			ART UNIT	PAPER NUMBER
			2157	

DATE MAILED: 04/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/056,687	SIMPSON ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Yves Dalencourt	2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 03 February 2006.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-35 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

*Yves Dalencourt*  
Patent Examiner      04/11/06

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 02/03/06
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_

## **DETAILED ACTION**

This office action is responsive to Request for Continued Examination filed on 02/03/2006.

### ***Response to Amendment***

The examiner has acknowledged the amended claims 1, 6, 8, 19, and 26.

### ***Claim Objections***

Claim 8 is objected to because of the following informalities: It is suggested to delete "," (line 2), and insert --- ; --- (after browser). Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claim 1, the limitation of " and supplying from a second server, comprising a printing apparatus with an embedded web server ..... with the printing apparatus " is unclear. It is not clear how the second server comprises a printing apparatus with an embedded web server.

Claim 1 recites the limitation "a different at least one generic instruction" in line 7.

There is insufficient antecedent basis for this limitation in the claim. Applicant previously claimed "**a generic access instruction**", but --- **at least one access instruction** --- has not been identified in the claim.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 1 - 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Grasso et al (US 2002/0116291; hereinafter Grasso) in view of Ferlitsch et al (US 2002/0113989; hereinafter Ferlitsch).

Regarding claims 1, 19, and 26, Grasso teaches a method and system for accessing and sharing data (200, fig. 3), comprising the steps of configuring data at least partially obtained from an enterprise resource planning system (210, fig. 3; paragraph [0057]; [0058], lines 1 – 3; and [0062], lines 1 – 4; Grasso discloses a distributed knowledge management service provider, wherein said service provider is an enterprise resource planning uses to extract content from captured documents and indexed); storing said data (paragraphs [0058], lines 3 – 8; [0062], lines 7 – 13; Grasso discloses that the service provider 210 records the document 120 in the digital archive it host for the user 50); sending a generic access instruction from a first server (paragraph [0063]); and identifying said data to be accessed in response to a generic access instruction (paragraph [0058], lines 8 – 12; [0059]; and [0064]; Grasso discloses that the service provider 210 then transmits the print job to the user's printer 112 where the printed document is produced).

Grasso teaches substantially all the limitations, but fails to specifically teach the step of supplying from a second server, comprising a printing apparatus with an embedded web server, a different at least one generic access instruction operable for providing a print dialog box with selectable options for printing said data with the printing apparatus.

However, Ferlitsch teaches, in an analogous art, methods and systems for print-processor modified printing, which comprises the step of supplying from a second server, comprising a printing apparatus with an embedded web server, a different at least one generic access instruction operable for providing a print dialog box with

Art Unit: 2157

selectable options for printing said data with the printing apparatus (paragraphs [0032], [0035], [0051], [0059], [0063 – 0065]).

Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Grasso by supplying from a second server a different generic access instruction operable for providing a print dialog box with selectable options for printing said data with the printing apparatus as evidenced by Ferlitsch for the purpose of allowing user(s) to select in advance default options to avoid repeated operations each time printing is performed, thereby saving processing resources, transmission time, and memory.

Regarding claim 2, Grasso and Ferlitsch teach all the limitations in claim 1, and Grasso further teaches the step of receiving said generic access instruction (paragraph [0064], lines 1 - 3); and accessing said data (paragraph [0064], lines 3 - 13).

Regarding claim 3, Grasso and Ferlitsch teach all the limitations in claim 1, and Grasso further teaches the step of storing said data comprises storing a portion of said data in an independent image format (paragraph [0020]).

Regarding claim 4, Grasso and Ferlitsch teach all the limitations in claim 1, and Grasso further teaches the step of generating a generic access request in response to said generic access instruction (paragraphs [0027] and [0032]); Grasso discloses that a recommendation may be generated based on a determination of document-document similarity (similarity of the requested document to other documents in the recommender system).

Art Unit: 2157

Regarding claim 5, Grasso and Ferlitsch teach all the limitations in claim 1, and Grasso further teaches that said identifying comprises associating said data with a computer user (paragraphs [0028] and [0042]).

Regarding claim 6, Grasso and Ferlitsch teach all the limitations in claim 1, and Grasso further teaches that said identifying comprises utilizing server side technology (paragraphs [0061] and [0064]).

Regarding claim 7, Grasso and Ferlitsch teach all the limitations in claim 1, and Grasso further teaches that said identifying comprises utilizing client side technology (paragraphs [0061] and [0064]).

Regarding claims 8 and 13, Grasso teaches a method for outputting data (10, fig. 1) comprising the steps of providing a client having capability to execute a web browser (paragraphs [0022]; [0031]); Grasso discloses that the recommender system may create a map of what has been printed in a work group. This information can then be browsed or searched from an electronic interface 60 to the system 100), providing an extension (paragraph [0031]); configuring data partially obtained from an enterprise resource planning system (210, fig. 3; paragraph [0057]; [0058], lines 1 – 3; and [0062], lines 1 – 4; Grasso discloses a distributed knowledge management service provider, wherein said service provider is an enterprise resource planning uses to extract textual content from captured documents and indexed); identifying said data to be accessed in response to a generic access instruction (paragraph [0058], lines 8 – 12; [0059]; and [0064]; Grasso discloses that the service provider 210 then transmits the print job to the user's printer 112 where the printed document is produced); communicating a first web

Art Unit: 2157

content to said client containing a generic access instruction causing a portion of said data to be accessed (paragraph [0064]; Grasso discloses that the service provider may provide an XML interface through which document content and user requests can be passed between the user interface and the server).

Grasso teaches substantially all the limitations, except for the use of communicating a second web content from a printer incorporating a web server to said client providing capability for outputting said data; and outputting said data, the capability for outputting said data comprising a print dialog box including at least one selectable option; and outputting said data.

However, Ferlitsch teaches, in an analogous art, methods and systems for print-processor modified printing, which comprises the step communicating a second web content from a printer incorporating a web server to said client providing capability for outputting said data; and outputting said data, the capability for outputting said data comprising a print dialog box including at least one selectable option; and outputting said data (paragraphs [0032], [0035], [0051], [0059], [0063 – 0065]).

Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Grasso by communicating a second web content from a printer incorporating a web server to said client providing capability for outputting said data; and outputting said data, the capability for outputting said data comprising a print dialog box including at least one selectable option; and outputting said data as evidenced by Ferlitsch for the purpose of allowing user(s) to select in

advance default options to avoid repeated operations each time printing is performed, thereby saving processing resources, transmission time, and memory.

Regarding claim 9, Grasso and Ferlitsch teach all the limitations in claim 8, and Grasso further teaches that said identifying comprises associating said data with a computer user (paragraphs [0028] and [0042]).

Regarding claim 10, Grasso and Ferlitsch teach all the limitations in claim 8, and Grasso further teaches that said identifying comprises utilizing client side technology (paragraphs [0061] and [0064]).

Regarding claim 11, Grasso and Ferlitsch teach all the limitations in claim 8, and Grasso further teaches that said identifying comprises utilizing server side technology (paragraphs [0061] and [0064]).

Regarding claim 12, Grasso and Ferlitsch teach all the limitations in claim 8, and Grasso further comprises tailoring said extension to characteristics of said client (paragraph [0064]; Grasso discloses that the service provider may provide an XML interface through which document content and user requests can be passed between the user interface and the server. Using an XML interface offers several advantages in that a number of user interfaces are available which would be tailored in order to communicate with the service provider).

Regarding claim 14, Grasso and Ferlitsch teach all the limitations in claim 8, and Ferlitsch further teaches that said outputting said data includes outputting to multiple devices (paragraphs [0045] – [0052]).

One of ordinary skill in the art would have been motivated to utilize such a modification in Grasso for the purpose of allowing user(s) to select in advance default options to avoid repeated operations each time printing is performed, thereby saving processing resources, transmission time, and memory.

Regarding claim 15, Grasso and Ferlitsch teach all the limitations in claim 8, and Grasso further teaches that said generic access instruction causes a portion of said data to be accessed causes additional data to be accessed (paragraph [0057]; Grasso discloses that in addition to capturing to providing recommender services to users of recording devices, other document related services may also be provided).

Regarding claim 16, Grasso and Ferlitsch teach all the limitations in claim 8, and Grasso further teaches that a portion of said communicating said first web content utilizes a firewall (paragraphs [0061] and [0063]).

Regarding claim 17, Grasso and Ferlitsch teach all the limitations in claim 8, and Grasso further teaches that a portion of said communicating said first web content utilizes the Internet (paragraph [0063]).

Regarding claim 18, Grasso and Ferlitsch teach all the limitations in claim 8, and Grasso further comprising storing a portion of said data in an independent image format (paragraph [0020]).

Regarding claim 20, Grasso teaches the system of claim 19, wherein said generic access instruction causes said extension to access said data (paragraph [0058], lines 8 – 12; [0059]; and [0064]).

Regarding claim 21, Grasso teaches the system of claim 19, wherein said data represents an image having an independent format (paragraph [0020]).

Regarding claim 22, Grasso teaches the system of claim 19, wherein said generic access instruction causes a generic access request (paragraphs [0027] and [0032]); Grasso discloses that a recommendation may be generated based on a determination of document-document similarity (similarity of the requested document to other documents in the recommender system).

Regarding claim 23, Grasso teaches the system of claim 19, wherein said apparatus for implementing a generic access instruction includes communicating using the Internet (paragraphs [0028] and [0033]).

Regarding claim 24, Grasso teaches the system of claim 19, wherein said generic access instruction includes instruction communicated in hypertext transfer protocol (paragraph [0061], lines 9 - 14).

Regarding claim 25, Grasso teaches the system of claim 22, wherein said generic access request includes requests communicated by way of the Internet (paragraph [0063]).

Regarding claim 27, Grasso teaches the system of claim 26, wherein said generic access instruction causes said extension to access said data (paragraph [0058], lines 8 – 12; [0059]; and [0064]).

Regarding claim 28, Grasso teaches the system of claim 26, wherein said data from an enterprise resource planning system includes an image having an independent format (paragraph [0020]).

Regarding claim 29, Grasso teaches the system of claim 26, wherein said extension causes said data to be output using said output device (paragraph [0028]).

Regarding claim 30, Grasso teaches the system of claim 29, wherein said data output includes data output using the Internet (paragraph [0063]).

Regarding claim 31, Grasso teaches the system of claim 26, wherein said extension includes executing a browser (paragraph [0034]).

Regarding claim 32, Grasso teaches the system of claim 26, wherein said extension includes the characteristics of said client (paragraph [0058], lines 8 – 12; [0059]; and [0064]; Grasso discloses that the service provider 210 then transmits the print job to the user's printer 112 where the printed document is produced).

Regarding claim 33, Grasso teaches the system of claim 26, wherein said data is associated with a user of said client (paragraphs [0028] and [0042]).

Regarding claim 34, Grasso teaches the system of claim 33, wherein said data is associated with said user using client side apparatus (paragraphs [0061] and [0064]).

Regarding claim 35, Grasso teaches the system of claim 33, wherein said data is associated with said user using server side apparatus (paragraphs [0061] and [0064]).

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Long et al (US 2002/0010720) discloses a hyper-text document formatting collating and printing.

Martin David Hoyle (US Patent Number 6,771,290) discloses a computer interface method and apparatus with portable network organization system and targeted advertising.

### **Contact Information**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yves Dalencourt whose telephone number is (571) 272-3998. The examiner can normally be reached on M-TH 7:30AM - 6: 00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Yves Dalencourt  
  
April 11, 2006